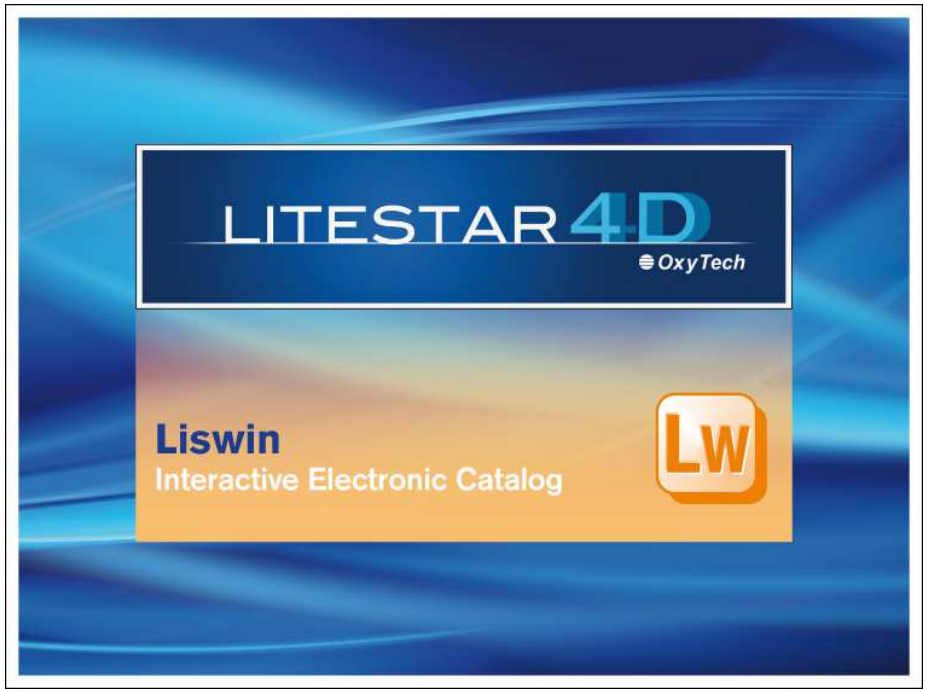

LITESTAR 4D v. 3.00

User's Manual
Liswin - Interactive Electronic Catalog

June 2015

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Liswin – interactive electronic catalog

Introduction and Access

LITESTAR 4D - Liswin is the interactive electronic catalog module with products search functions realized by means of different parameters, for processing elements required for producing project documentation, and for automatic data updating.

Liswin may be accessed from the Litecalc module by means of the *Liswin* icon situated:

- on the right of the screen, in the library TAB
- in the Links menu

Alternatively you can:

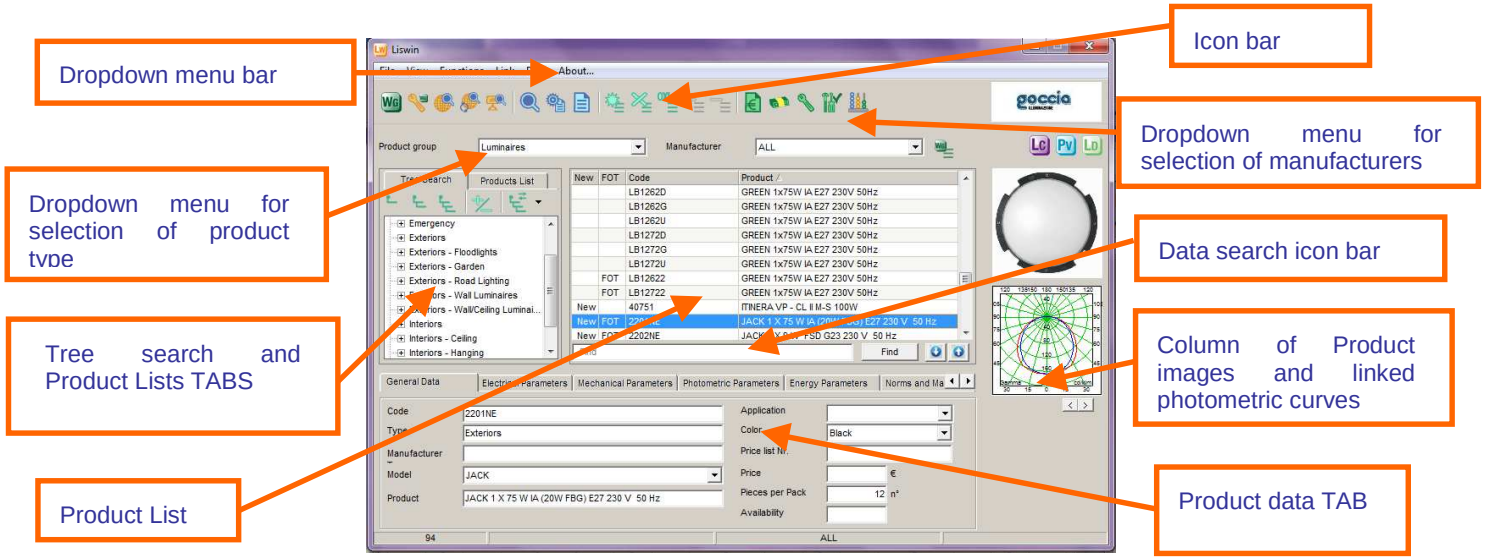
select the Liswin program from the Start/All programs/Oxytech

The aim of the Liswin module is to make search functions (local or internet), data use and visualization simpler and faster for the designer.

Liswin allows cross-search between luminaires or lamps, made available by the manufacturers taking part in the **Litestar Project** and downloaded as plug-ins, and those inserted directly by the user by means of the Lisdat module (see the Lisdat manual for a more detailed explanation of data insertion and photometry linking).

In this sense the program thus allows you to single out the best product, according to specific parameters established by the user, from all those present in the database and to print a customized data sheet, or use the photometry in Litecalc.

When the program is opened, the main window is shown:


Dropdown menu bar
Dropdown menu for selection of product type
Tree search and Product Lists TABS
Product List
Icon bar
Dropdown menu for selection of manufacturers
Data search icon bar
Column of Product images and linked photometric curves
Product data TAB

Notes

Why Interactive ?

Because it allows dynamic interaction among different systems, such as parametric product search management, data sheet management, interfacing with WebCatalog to download product data from the Web by means of a simple mouse click (Drag&Drop function).

When the Litecalc program module is launched, Liswin will also open automatically.

It is important not to close Liswin during the Litecalc operations since it is required for the correct insertion of the luminaires in the project. For more details see the Litecalc manual chapter *Inserting a luminaire.*

The arrows below the photometry image allow you to scroll the polar graphs when the luminaire has more than one linked photometry.

Drag&Drop

The term **Drag&Drop** indicates the possibility of clicking on an object and dragging it into another position, where it will be released.

This means for example that if an icon corresponding to a document is dragged from one folder to another, the document will be moved.

For easy use and quicker data insertion LITESTAR 4D includes an extensive use of Drag&Drop.

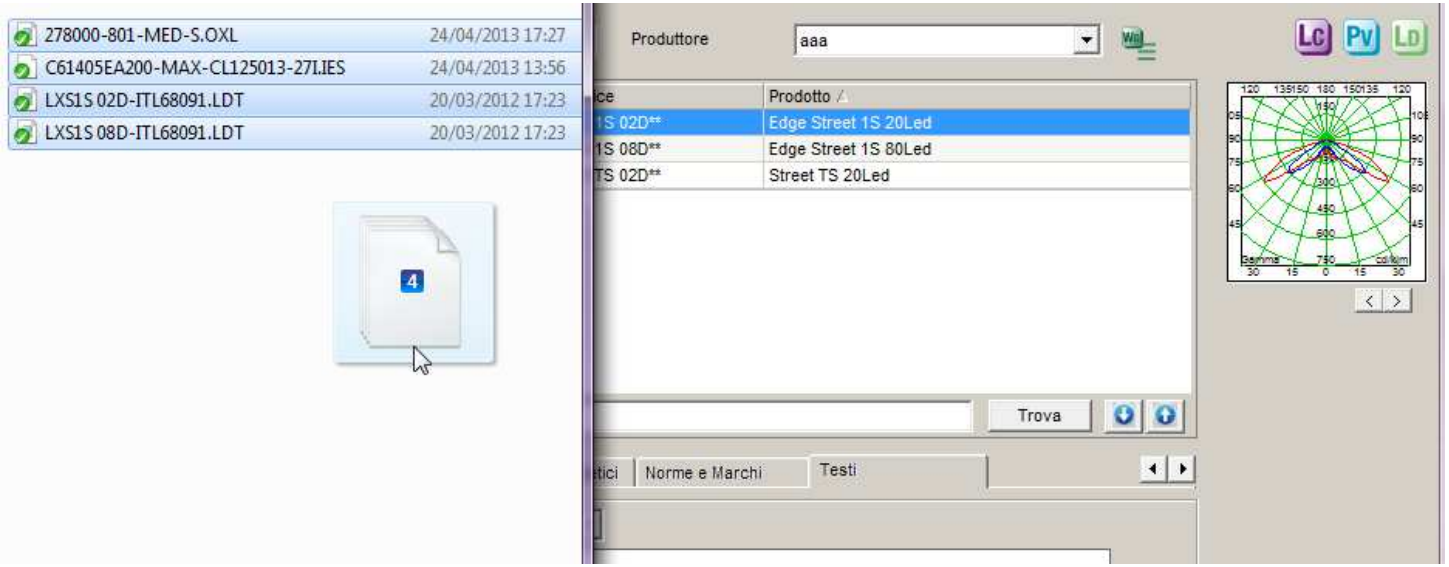
This means the files in the other modules or folders can be selected with a click of the left mouse button and dragged (keeping the button pressed) into Liswin

The formats that can be used with Drag&Drop in Liswin for the photometric files are:

.OXL, Oxytech's own format

.EUL, standard European format

.IES, standard American format



Notes

On the operational level, to carry out Drag&Drop operations you must:

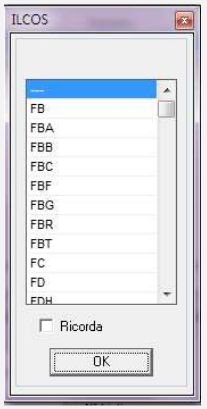
Add a new Manufacturer using the Lisdat module (for a more detailed explanation see the Lisdat manual), unless you are importing an oxl of a manufacturer already in the list.

Verify that the manufacturer is active (flagged) by clicking on the *Select Manufacturers* icon on the right of the manufacturers list. Should it not be active click inside the box to the left and then on the *Confirm* key

Select the manufacturer in the drop down *Manufacturer* menu.

Open the original source area (for example a folder as in the image alongside).

Select the file and, keeping the left mouse button pressed, drag it into the Liswin area until the symbol becomes a broken line rectangle.



At this point the list from which to choose the lamp ILCOS Code will appear.

By flagging *Remember* the selected ILCOS value will be automatically assigned to subsequent entries.

Dropdown menu bars

The dropdown menu bars allow the main operations to be performed with a click of the left mouse button on the required menu (File, View, Functions, Links, Data, About …) and after scrolling the pointer through the items (which will be highlighted in blue), with a click on the command to be performed.

The menus allow you to manage the following functions:

File menu

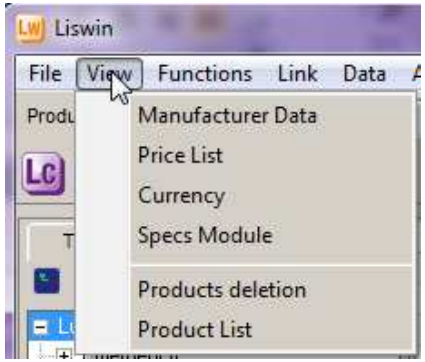
For all operations connected with program configuration

- ***Manufacturer Selection:*** to select the manufacturer's list on which you intend to work from the complete list of available manufacturers
- ***Settings:*** for access to the parameter management section of the Liswin module, such as file paths or technical sheet colors
- ***Filter Activation:*** to apply the DB filter
- ***Exit:*** to leave the Liswin module. To exit you can also press the X on the top right

View menu

For operations relating to estimates and lists management

- ***Manufacturer Data***: to view the selected manufacturer's data
- ***Price List:*** for access to price list management function
- ***Currency:*** to open the currency management window
- ***Specs Module:*** for access to the Lisman offers and metric calculation management module
- ***Products deletion:*** to activate the deletion of one or more products from the database
- ***Product List:*** to activate management functions of the product lists to be used later with the estimate module (Lisman)



Notes

The DB filter is a file that allows certain dropdown search fields in the parametrical search window to be updated. The file is found in the data destination folder …\data\lmdata. If the filter is activated, you can update the database fields to include something new such as: a new color, a new norm, a new trademark etc…

Once it has been selected, it is necessary to exit the program so that the filter can be applied on re-entry.

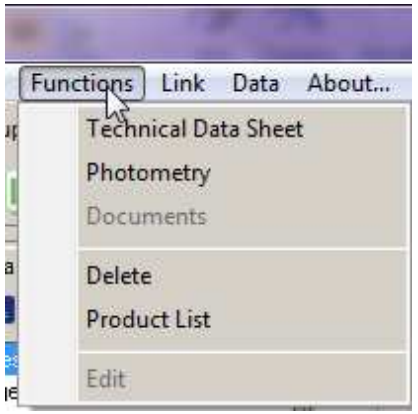
To view the manufacturer data it is also possible to click twice on the logo of the actual manufacturer situated on the top right (above the images column)

Dropdown menu bar

Function menu

For functions of general management

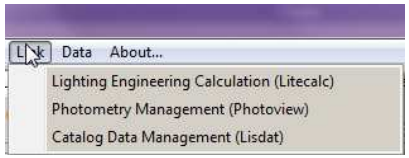
- ***Technical Data Sheet:*** for access to the management module of the data sheet of the selected product. It is also sufficient to click twice on the selected product
- ***Photometry:*** to visualize the photometry of the luminaire in the list, if the FOT field on the left of the product is active.
- ***Documents:*** for access to the window showing the list of documents associated with the selected product (Excel, PDF files etc.)
- ***Delete:*** to eliminate the selected product from the catalog
- ***Product List:*** to add the selected product to the product list, which can be deleted from the database or imported, subsequently, into the estimate module (Lisman)
- ***Edit:*** to enter the Lisdat module and modify the data of the selected product, if active



Links menu

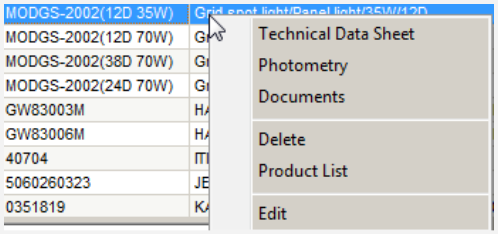
To move between the different program modules

- ***Litecalc:*** to access the lighting design calculation module for interiors and exteriors (large areas, roads, tunnels) with viewing functions of results tables, graphs and photo-realistic images of the area itself from different viewpoints, by means of ray-tracing and radiosity rendering
- ***Photoview:*** to access the photometry view module with view and print functions of photometric tables and graphs in different languages
- ***Lisdat:*** to access the catalog data management module with manual data entry or database import



Notes

To access the Functions menu it is also possible to select a product directly from the list with the right mouse button, as illustrated below.



The edit command is almost never active for products made available by manufacturers. It is always available however for products inserted by the user.

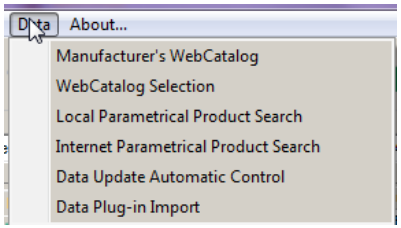
To access the various modules it is also possible to click directly on the respective icons, situated above the product list.

Dropdown menu bar

Data menu

For search functions

- ***Manufacturer's WebCatalog:*** to access the Internet WebCatalog of the active manufacturer (the active manufacturer is the one whose logo is shown on the right in the Liswin window)
- ***WebCatalog Selection:*** this allows access to the list of available WebCatalogs
- ***Local Parametrical Product Search:*** to search for one or more products according to the parameters defined by the operator in the relative dialogue window
- ***Internet Parametrical Product Search:*** to search on internet for one or more products according to the parameters defined by the operator by means of the specific dialog window
- ***Automatic Data Update check:*** this allows you to check if there are any product updates for the selected manufacturer
- ***Data Plug-in Import:*** this allows an external data Plug-in (database file) to be imported, both locally and on the web



About… menu

This opens the window showing relative program data.

Notes

To access the various types of search it is also possible to click directly on the respective icons, situated above the product list.

When the mouse cursor is positioned on the icon, the command description will appear.

WebOxy is the area in the Oxytech site (http://www.oxytech.it) where all the data of the manufacturers taking part in the Litestar Project can be found and from where the plug-ins or single products can be downloaded.

Click with the mouse on the LITESTAR 4D window to open the window relating to the program version.

These data must be communicated to Oxytech in the event of problems with the program.

Icon Bar – Dropdown menu selection

In the left-hand side of the Liswin window there are two dropdown menus; click with the left mouse button on the arrow to choose:

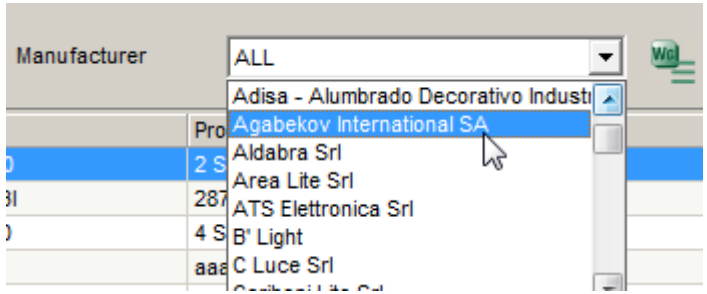
The types of product to be viewed subdivided into:

- Luminaires
- Lamps

The fields in the *Product data TAB* will be automatically modified according to the type selected. Thus if the Luminaires archive is selected, the data relating to the manufacturing companies of lighting devices will be visualized. If Lamps is selected the data relating to the lamps of the companies in the archive will be visualized.

The second drop-down menu shows the list of activated manufacturers. Select one to gain selective access to the data of that manufacturer.

By clicking on the *Select Manufacturer* icon, it will be possible alongside to set by default the manufacturers to be visualized in the list, by flagging them, hiding those that are of no interest.



Above the image column, lined up on the right, will appear the logo of the manufacturer if available, otherwise the name in text form.

Clicking on the manufacturer's logo with the left mouse button visualizes the data relating to that manufacturer.

Notes

When selecting the manufacturer, should there be a file called @catalog-cover.JPG in the manufacturer's folder, for a few seconds an image will appear with the logo of that manufacturer (for a more detailed explanation of folder structure please see the *Data structure* chapter).

Icon Bar

The icons activate the following commands:

Local Parametrical Product Search, to search locally for one or more products according to the parameters defined by the operator by means of the specific dialog window

Technical Data Sheet, to access the data sheet management module of the selected product

Documents (product accessory files), to access the window showing the list of documents associated with the selected product. The icon is active only when the selected product has associated documents

Product List, to activate management functions of the product lists to be used subsequently with the estimate module (Lisman)

Products deletion, to activate the delete functions on one or more products from the database

OXL Export: to export product data in an XLM file, with .OXC extension if there is no photometry associated or .OXL if there is an associated photometry

Add to list, to add the selected product to the product list. This icon is active only if one of the two functions: *Product List* or *Product deletion* is first selected

Delete selected products, to delete the products inserted in the list. This icon is active only if first the *Product deletion* function is selected

Price List, to access the price list management functions

Currency, to open the currency management window

Manufacturer, to access the data visualization window of the selected manufacturer

Settings, to access the parameter management section of the Liswin module, such as file paths or colors of data sheets

Specs Module (Lisman), to access the Lisman offers and metric calculation management module

Notes

Position the mouse cursor on the corresponding icon to see the description of the command.

The *Documents* function allows a series of documents associated with the selected product, if available, to be viewed, such as DOC (Word), PDF (Acrobat), DXF or DWG, XLS.

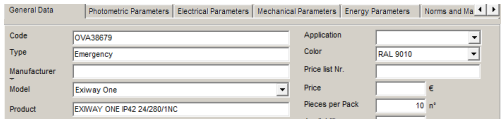
To be able to open the documents, it is essential that the relative program or viewer be installed on the computer.

When only one document is associated, Liswin will try to open it automatically. If more than one file is associated, a list will be visualized from which selection can be made by clicking twice with the left mouse button on the name of the file.

Product data TABs

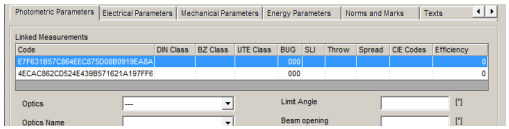
General Data

Here the product catalog data, such as Code, Model, Price, etc., are shown.



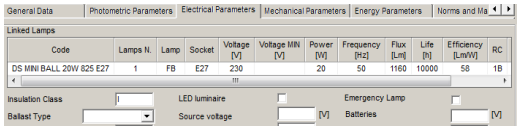
Photometric parameters

Here the photometries connected to the luminaire and their characteristics are shown. If a luminaire has several photometries, the polar diagram can be viewed, selecting the relevant one.



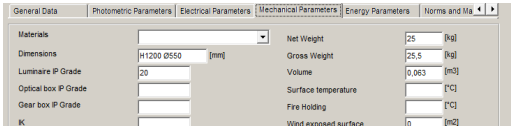
Electrical parameters

Here are shown the data regarding the sources (lamp or luminaire) and the electrical characteristics, such as Voltage, Power, etc.



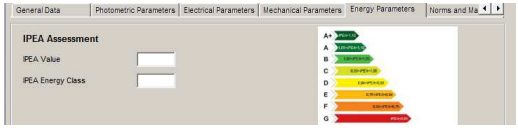
Mechanical parameters

Here are shown the mechanical data such as Weight, IP Protection level, IK Mechanical resistance, etc.



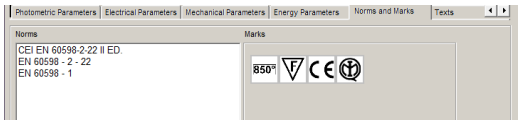
Energy parameters

Here are shown the luminaire energy data (only for street lighting) or those of the lamp (UE 874/2012)



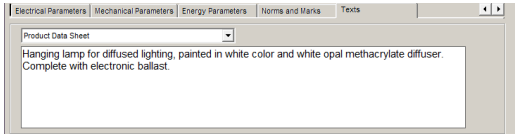
Norms and Marks

Here the marks and norms are shown



Text

Here the text associated with the luminaires or lamps is shown. When more than one text is associated just scroll the dropdown menu to highlight them



Notes

The energy parameters of the road luminaires are obtained using the IPEA method, processed in collaboration with Hera Luce

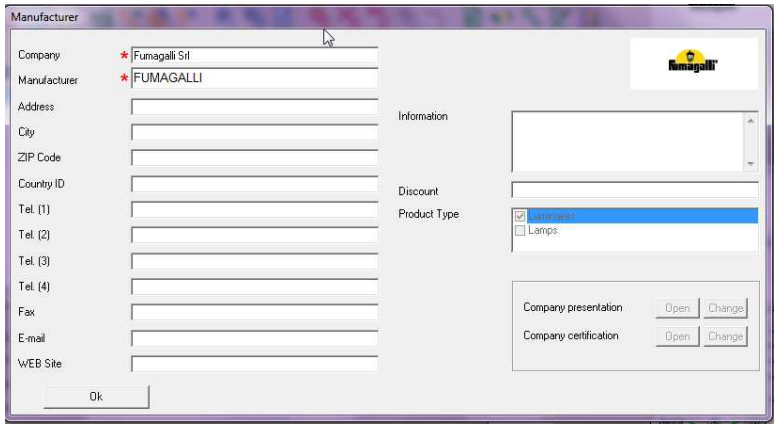
Manufacturer Window

The *Manufacturer* window allows you to visualize the commercial data related to the manufacturer.

To access the window, select *Manufacturer data:*

- in the icon bar
- in the Visualize menu

Alternatively just click for access twice on the manufacturer's logo situated on the right of the Liswin window.



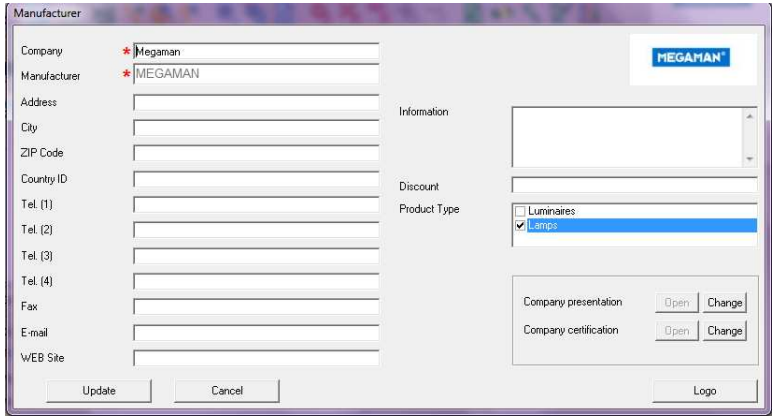
Should the selected manufacturer have been created directly by the manufacturing company, the window shown will be unmodifiable (top figure).

If instead the manufacturer has been inserted by the user using the Lisdat module (for a more detailed explanation see the Lisdat manual), that is the user is the owner, the window will be editable in all fields (bottom figure).

It will thus be possible to modify the data, typing in the new values in the individual boxes, or to add a presentation or certification of the company (in .PDF format), using the Change key.

By clicking on the *Logo* key, it will also be possible to add the image of the company logo (in .JPG format), which will then be visualized in the box on the top right.

Finally click on the *Refresh* key to make the updates effective.



Notes

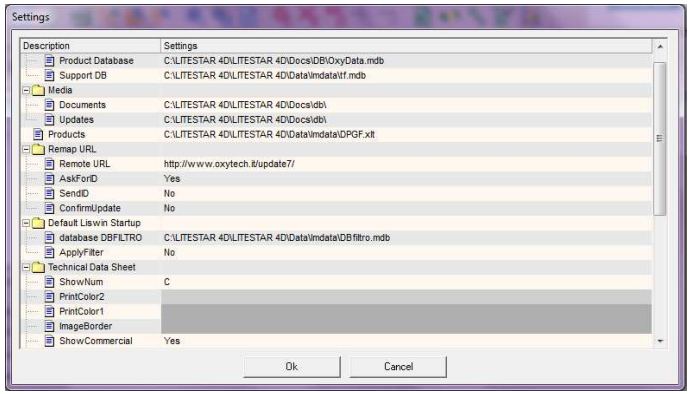
The company presentation, certificate and logo will be inserted in the manufacturer's folder, inside the program data folders. For a more detailed explanation see the *Data structure* chapter.

Configuring Liswin

Liswin offers a configuration window where the main parameters and the database and system file paths are defined. Access is gained by selecting the *File/Configuration* menu.

The function opens a window in which to define the program configuration parameters which are:

- ***Database,*** showing the path for finding:
  - *Product Database*, i.e. the file in MDB format (called OxyData.MDB) where all the catalog data is entered. The file can be renamed externally to the program, but it will then have to be linked to the program
  - *DB Support*, that is the file (called tf.mdb) in which the particular configurations of the Liswin data sheets are recorded. Liswin in fact allows you to choose the elements to be visualized from each sheet and this configuration is automatically saved in the tf.xlt file for later use
- ***Media,*** showing the path for finding images and texts:
  - *Documents*, present in the local computer
  - *Updates*, to be downloaded from the Web in the future
- ***Products,*** where the path of the configuration file (DPGF.xlt) of the Liswin customized estimate module can be found
- ***Internet Download,*** where the internet configuration parameters are defined, such as:
  - *URL Remote*, i.e. the site from which data updating is performed (not to be modified)
  - *AskForID and SendID* are the parameters that handle automatic data download via Internet (Parametric Search and Drag&Drop functions) exclusively managed by OxyTech
  - *ConfirmUpdate*, to request confirmation of each update



- ***Liswin Default Startup,*** where the DBDefault filter is defined:
  - *Database DBfilter*, the path to find the file
  - *Applyfilter*, to select whether or not to apply the filter at startup
- ***Technical Data Sheet,*** where the data sheet elements are configured, such as:
  - *ShoNum*, to select the type of data sheet to be visualized (Creating and Managing a data sheet chapter)
  - *PrintColor2*, i.e. the background color found in the headlines
  - *PrintColor1*, i.e. the second background color
  - *ImageBorder,* i.e. the color of the image boxes

Notes

To access the configuration window select the *Configuration* icon situated:

- in the icon bar
- in the *File* menu

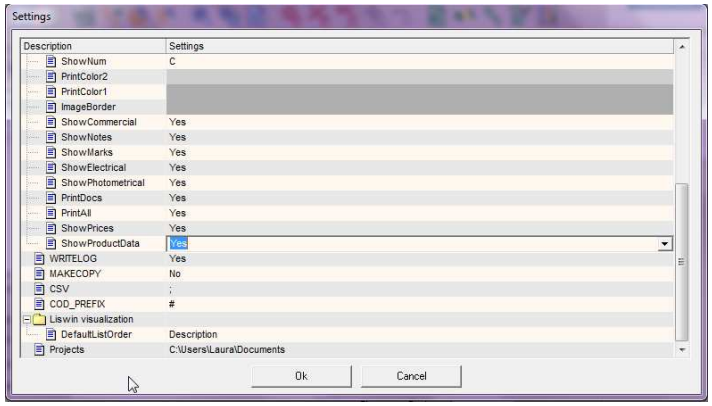
To modify the dropdown fields, click on the line and then on the arrow, which appears to the right of the line, to scroll the various options. Once the option has been modified press *Enter* to confirm the selection.

It is advisable not to modify the data shown in the CSV and CodPrefix fields, so as not to alter program operation.

Configuring Liswin

- *Show Commercial, Notes, Marks, Electrical, Photometrical, ShowProductData*, i.e. the data to be printed in the data sheets
- *PrintDocs*, to print documents associated with the product such as specifications description, instruction leaflets, in RTF format
- *Print All*, to print all documents associated with the product
- *ShowPrices*, to visualize or not the list prices

- ***Writelog,*** activates the file that records the operations in the cfg .log file
- ***Makecopy,*** where to choose to copy the images associated with the product in the Liswin-Lisdat tree
- ***Csv,*** indicates the type of separator to be used when exporting files in CSV format (e.g. lists)
- ***Codprefix,*** indicates the type of prefix found before the codes, when exporting files in CSV format
- ***Liswin Visualization,*** in which to define:
  - *DefaultListOrder*, i.e. the order in which the product lists are to be visualized
  - *Projects*, where to indicate the path of exportable files (for example the document in CSV format)



Notes

There are five ways to order product visualization:

- New
- FOT
- Code
- Description
- Manufacturer

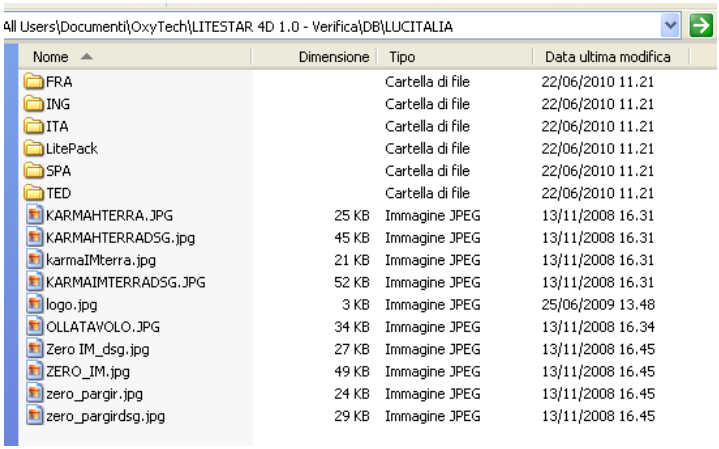
By setting one of these parameters when opening Liswin, the data will always be visualized in this order.

Data structure

LITESTAR 4D is equipped with a single database (Oxydata.MDB), differently from LITESTAR 10 in which there were 2 databases, one catalog (MDB Access type) and one photometric (Fotom.FDB).

The LITESTAR 4D database is the evolution of the LITESTAR 10 catalog database in which the functions for managing the photometric files in the new OxyTech OXL format have been integrated.

The OXL files are obtained by converting the photometric files into international formats (e.g. EUL or IES), by means of the Photoview module, or using the Lisdat module.


All Users\Documenti\OxyTech\LITESTAR 4D 1.0 - Verifica\DB\LUCITALIA
Nome
Dimensione
Tipo
Data ultima modifica
FRA Cartella di file 22/06/2010 11.21
ING Cartella di file 22/06/2010 11.21
ITA Cartella di file 22/06/2010 11.21
LitePack Cartella di file 22/06/2010 11.21
SPA Cartella di file 22/06/2010 11.21
TED Cartella di file 22/06/2010 11.21
KARMAHTERRA.JPG 25 KB Immagine JPEG 13/11/2008 16.31
KARMAHTERRADSG.jpg 45 KB Immagine JPEG 13/11/2008 16.31
karmaIMterra.jpg 21 KB Immagine JPEG 13/11/2008 16.31
KARMAIMTERRADSG.JPG 52 KB Immagine JPEG 13/11/2008 16.31
logo.jpg 3 KB Immagine JPEG 25/06/2009 13.48
OLLATAVOLO.JPG 34 KB Immagine JPEG 13/11/2008 16.34
Zero IM_dsg.jpg 27 KB Immagine JPEG 13/11/2008 16.45
ZERO_IM.jpg 49 KB Immagine JPEG 13/11/2008 16.45
zero_pargir.jpg 24 KB Immagine JPEG 13/11/2008 16.45
zero_pargirdsg.jpg 29 KB Immagine JPEG 13/11/2008 16.45

Inside the …\DB folder are found the data relating to each individual manufacturer subdivided into subfolders.

It is possible to choose an alternative path in which to insert the manufacturers' folders, using the *Configuration* window, by selecting a new address at D*atabase* and *Media* (for a more detailed explanation see the *Configuring Liswin* chapter).

For a more detailed explanation please refer to the Photoview and Lisdat manual.

The MDB database is created by downloading the manufacturers' Plug-ins (unmodifiable data) by means of the Liswin module or by directly inserting the luminaire technical data into Liswin by means of the Lisdat module, which can also be used to link the photometries in OXL format to the sheets.

In the folder of every single manufacturer, the data structure (which should remain unchanged) is made up of the following elements:

- A series of non language sensitive documents:
  - Product images (in .JPG format)
  - Company logo (in .JPG format)
  - Cover window (@catalog-cover.JPG), as explained in the paragraph relative to drop-down selection menus
  - Drawings (in .DWG or .DXF format)
- A group of folders named with the abbreviation of the language (FRA for French, ING for English, ITA for Italian ….) inside which all language sensitive files are saved:
  - Parts of catalog, certificates, etc. (in .PDF format)
  - Product texts, etc. (in.RTF or .DOC formats)
- A Litepack folder inside which the OXL files are saved

Notes

The **OXL** file is an XML type file (files used in many applications for data exchange) inside which the following information is found:

- the general lighting device data
- the lamps data, including color
- the dimensions and, if available, 3D file of the luminaire

Oxydata.mdb is found in the program data folder …\Docs\DB. It is a relational Access database which contains:

- data (technical and commercial) related to the individual products
- links to external documents (photometries, images, texts)

The technical data (catalog and photometries) of the individual manufacturers present as Plug-ins, are updated using the various search options found in the Liswin module (for a more detailed explanation see the chapters concerning data updating and search).

If the products you intend using are not present in the Plug-ins, but you wish anyway to prepare a catalog of your own, the Lisdat module should be used to manually insert the data and link the photometries.

Plug-ins and data entered by the user occupy the same database however, thus allowing cross researches.

Product List

The Product List shows in table form the list of products present in the local database (that is present in the user's computer) of the program.

The fields belonging to the Product Lists are:

- ***New***, this indicates if the product has recently been updated
- ***FOT*** (Photometry), this indicates if the product has one or more connected photometries (OXL file)
- ***Code***, indicates the article code
- ***Product***, indicates a synthetic description of the product

Any of the columns of the Product List can be put in order by pressing on one of the column titles: the program proceeds automatically to put that column in alphabetical order starting from A or Z (by repeatedly clicking) considering it as the active column.

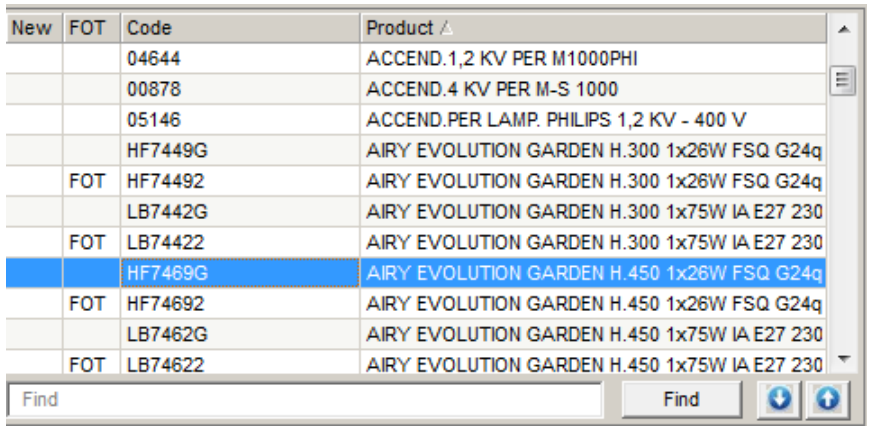
To scroll the list just:

- click on the scroll bar, situated on the right
- select a product and move with the arrows (up/down) on the keyboard

The triangle beside the title indicates the direction of the order:

▽ from greatest to least

△ from least to greatest

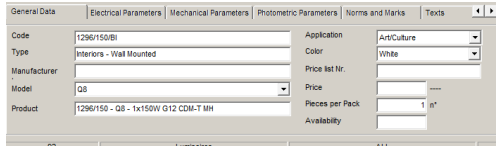


New	FOT	Code	Product
		04644	ACCEND.1,2 KV PER M1000PHI
		00878	ACCEND.4 KV PER M-S 1000
		05146	ACCEND.PER LAMP. PHILIPS 1,2 KV - 400 V
		HF7449G	AIRY EVOLUTION GARDEN H.300 1x26W FSQ G24q
	FOT	HF74492	AIRY EVOLUTION GARDEN H.300 1x26W FSQ G24q
		LB7442G	AIRY EVOLUTION GARDEN H.300 1x75W IA E27 230
	FOT	LB74422	AIRY EVOLUTION GARDEN H.300 1x75W IA E27 230
		HF7469G	AIRY EVOLUTION GARDEN H.450 1x26W FSQ G24q
	FOT	HF74692	AIRY EVOLUTION GARDEN H.450 1x26W FSQ G24q
		LB7462G	AIRY EVOLUTION GARDEN H.450 1x75W IA E27 230
	FOT	LB74622	AIRY EVOLUTION GARDEN H.450 1x75W IA E27 230

Find | Find

The section that includes details of technical and commercial data is subdivided into groups according to the type of data. To move from one group to the other use the TABS which are in order (Luminaires case):

- ***General Data***, such as commercial information (code, product description, list price …)
- ***Electrical Parameters***, such as lamp data, insulation class, any information about batteries
- ***Mechanical Parameters***, such as IP degree, surface exposed to the wind, IK degree
- ***Photometric Parameters***, such as list of measurements associated with the product
- ***Norms and Marks***, such as the list of norms applied to the product and conformity marks
- ***Texts*** and notes associated with the product



In the case of lamps, the TABS are reduced to General Data, Electrical Parameters, Norms and Marks, Texts.

Notes

For insertion, linking of catalog with the photometries and product modification please see the Lisdat manual.

It should be underlined however that the data entered directly by the manufacturing companies will not be modifiable, but will only be viewable in the various data sheets (for a more detailed explanation please see the chapter: *Creating and managing a data sheet*).

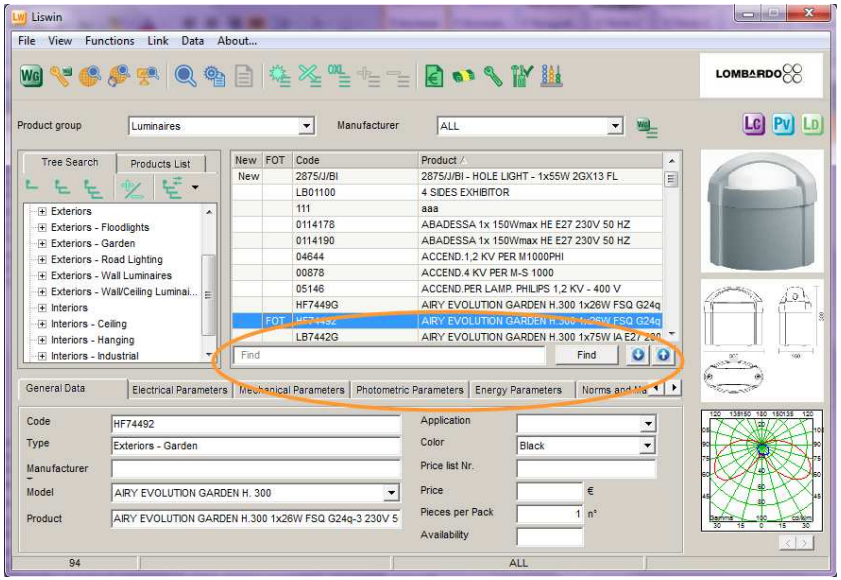
Product List

Available functions

A product can be searched for directly in the list by typing part of the code or of the description in the bar situated under the *Product List* and clicking with the left mouse button on *Find*.

The program will proceed to highlight with a blue strip the first result of the search, inside the *Product List*.

Once the first product has been found, in order to ensure that the search is applied to subsequent products, just click on the arrows (up - down) situated on the right of the search line.



The products selected in the list are highlighted with a blue line. To select a product just click with the left mouse button on the line with the product whose characteristics are required. Once it has been highlighted, all the TABS and images will automatically update.

When the product has been selected, there are further operations that can be performed, such as:

- Visualize the relative data sheet, by clicking twice with the left mouse button on the product
- Open a rapid choice menu, by clicking with the right mouse button, from which various operations may be selected (for a description of the available commands please see the chapter *Dropdown menu bars – Functions Menu*)
- Find a product, by clicking inside a column and typing the first identifying characters of the product itself (code or description). The program will automatically go to the first of the products that corresponds to the inserted characters. The characters found will be highlighted and the selection bar (blue) will move onto the searched product

Notes

To make a column active, just click inside the list on the column to be activated.

Local product search

Liswin allows three types of local product search, that is from the data present in the database (Oxydata.mdb) saved on the computer or the user's local network:

- List Search

described in the previous paragraph

- Tree Search
- Parametrical search

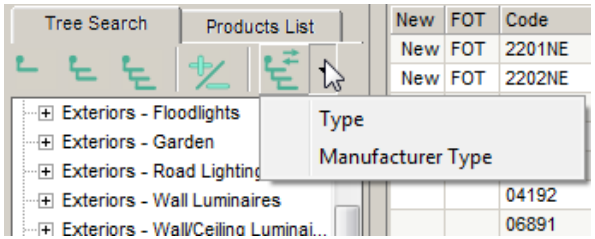
as described below

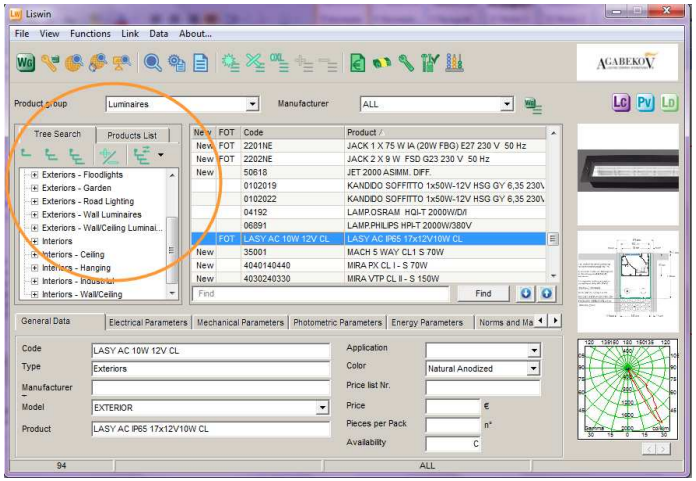
Tree Search

The three-level product tree search allows a product to be searched by selecting the characteristics step by step, following a pre-established "tree" structure on thee levels, i.e.:

- Product type (Type or Manufacturer type)
- IP protection grade
- Power

Clicking on the respective icons (figure below), opens or closes the subsequent levels. Once the last level has been visualized, selecting with the left mouse button one of the available codes automatically visualizes the product (highlighted in blue) in the product list alongside.




Liswin
File View Functions Link Data About...
Product group
Luminaires
Manufacturer
ALL
Tree Search
Products List
New FOT Code Product
New FOT 2201NE JACK 1 X 75 W IA (20W FBG) E27 230 V 50 Hz
New FOT 2202NE JACK 2 X 9 W FSD G23 230 V 50 Hz
New 50618 JET 2000 ASIMM. DIFF.
0102019 KANDIDO SOFFITTO 1x50W-12V HSG GY 6,35 230V
0102022 KANDIDO SOFFITTO 1x50W-12V HSG GY 6,35 230V
04192 LAMP.OSRAM HQI-T 2000W/D/I
06891 LAMP.PHILIPS HPI-T 2000W/380V
FOT LASY AC 10W 12V CL LASY AC IP65 17x12V10W CL
New 35001 MACH 5 WAY CL1 S 70W
New 4040140440 MIRA PX CL I - S 70W
New 4030240330 MIRA VTP CL II - S 150W
Find
General Data
Electrical Parameters
Mechanical Parameters
Photometric Parameters
Energy Parameters
Norms and Ma
Code LASY AC 10W 12V CL
Type Exteriors
Manufacturer
Model EXTERIOR
Product LASY AC IP65 17x12V10W CL
Application
Color Natural Anodized
Price list Nr.
Price
Pieces per Pack
Availability
94
ALL

The first three icons situated above the search list allow the three different levels available to be opened or closed (e.g.: by clicking on the first icon, only the first level will be visualized).

The fourth icon instead opens/closes all levels.

The fifth icon allows you to choose which description to visualize in the first level whether:

- Type
- Manufacturer type

Notes

The (Oxydata.MDB) database is found in the program data folder …\Docs\DB.

Using the *Configurations* window it is however possible to choose another path, in which to save the file (for a more detailed explanation see the *Configuring Liswin* chapter).

The ***Type (product)*** represents the type of luminaire or lamp, in a general sense. In the insertion phase this data is selected in a fixed list that cannot be modified by the user. Being a unique field for all manufacturers, it therefore allows the data to be cross-referenced during search.

The ***Manufacturer type*** instead represents an identification description of the luminaire directly inserted by the manufacturer. It is therefore not unique for all manufacturers.

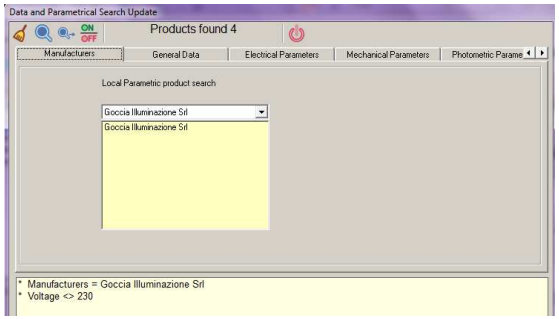
Local product search

Local Parametrical Product Search

With Liswin you can search for products that are present in the database using a parametric table, in which to set the technical/commercial characteristics of the articles required.

For access, select the command *Local Parametrical Product Search*:

- in the icon bar
- in the *Data* menu



The window that appears is made up of 3 parts:

- an upper part with the function icons and indication of the total number of products found after the search
- a part in the central area with the TABS corresponding to the various parameters that can be configured for the search. There are two types of fields available for the search, that are:
  - ***Fixed fields*** (fixed choice fields from list): these are non editable fields for which it is possible to select the description of a predefined list such as, for example, the color field
  - ***Free fields***: these are editable fields for which a numerical description can be entered
- a lower part in which the fields set for the search are shown

The icons associated with the window have the following functions:

Clear: clears previously defined fields

Apply: carries out product search on the basis of the parameters set in the local database

Apply to Previous: carries out a further search on the same set of products found after specifying other parameters

Close: allows you to exit the window and return to the main window

The parameter definition window shows several buttons which, if pressed, reveal the symbols '=' – '>' – '<' – '<=' – '>=' . These buttons are useful when searching for all products with the same value (=) as the selected parameter or that have greater (>), lesser (<), greater and equal (>=) or lesser and equal (<=) values

Notes

The lists of the dropdown search fields are updated using the DBfilter, which can be activated in the *File/Activate Filter* menu.

The file is found in the data destination folder …\data\lmdata.

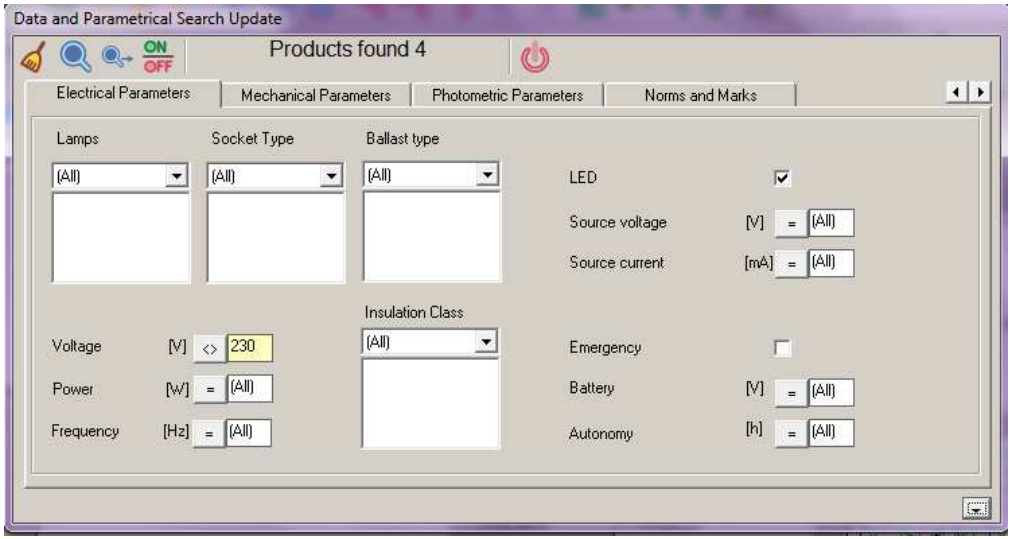
By positioning the mouse on the icon, a short description of the command will be visualized.

Local product search

On the operational level, to configure a search among the products saved on the local network it is necessary to:

- return the fields to zero, by clicking on the *Clear* icon
- define the search parameters via the different sections (TABS) of the window.

  There are two types of field available, dropdown, in which to select the parameter on the basis of a predefined list, or entry field, usually numerical. For example:
  - Manufacturer: Goccia Illuminazione (in the Manufacturers TAB)
  - Voltage V: 230 (in the Electrical Parameters TAB)
- if an incorrect parameter is entered in the fixed dropdown search fields, delete it by clicking twice on it with the mouse
- launch local search on the basis of the parameters set, by clicking on the *Apply* key
- the total number of products found will be visualized in the ***Products found*** section
- define further search parameters should the search not be exhaustive, as in point two
- launch a further local search, by clicking on the *Apply to Previous* key
- exit the fields and search definition window, to visualize the products found in the Product List section of the main window



Notes

Clicking on the arrow situated at the bottom right visualizes the summary of the fields being used to perform the search.

Data search and Update via Web

Internet Parametrical Product Search

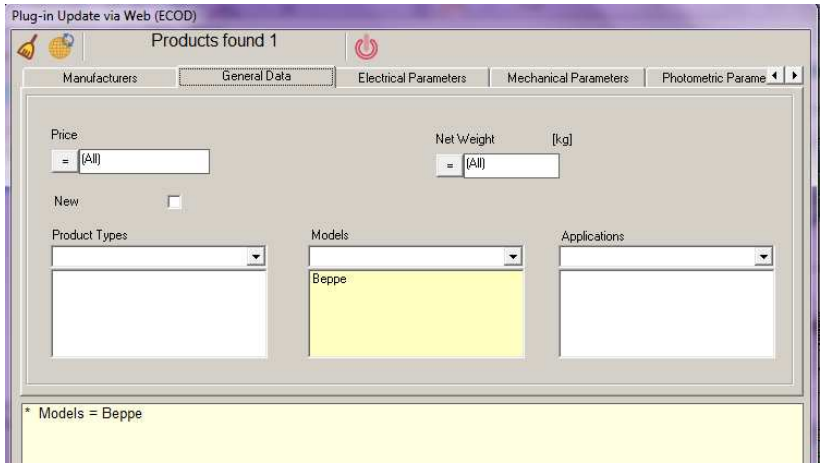
With Liswin it is possible to update the products via Web (cross-referencing the data of different manufacturers), by means of a parametric table, in which the technical/commercial data of the searched articles are to be set.

For access select *Internet Parametrical Product Search*:

- in the icon bar
- in the *Data* menu

The window that appears is made up of 2 parts:

- an upper part with the function icons and indication of the total number of products found after the search
- a lower part with the TABS corresponding to the various parameters that can be configured for the search. There are two types of data fields available for the search, that are:
  - ***Fixed fields*** (fixed choice fields from list): these are non editable fields for which it is possible to select the description of a predefined list such as, for example, the color field
  - ***Free fields***: these are editable fields for which a numerical description can be entered



The icons associated with the window have the following functions:

Clear: clears previously defined fields

Plug-in Update via Web (ECOD): carries out search via Internet on the defined search parameters

Close: allows you to exit the window and return to the main window

The parameter definition window shows several buttons which, if pressed, reveal the symbols '=' – '>' – '<' – '<=' – '>=' . These buttons are useful when searching for all products with the same value (=) as the selected parameter or that have greater (>), lesser (<), greater and equal (>=) or lesser and equal (<=) values

Notes

The lists in the dropdown data fields are updated using the DBfilter, which can be activated in the *File/Activate Filter* menu.

The file is found in the data destination folder …\data|lmdata.

Clicking on the arrow situated at the bottom right visualizes the summary of the fields being used to perform the search.

By positioning the mouse on the icon a short description of the command will be visualized.

Data Search and Update via Web

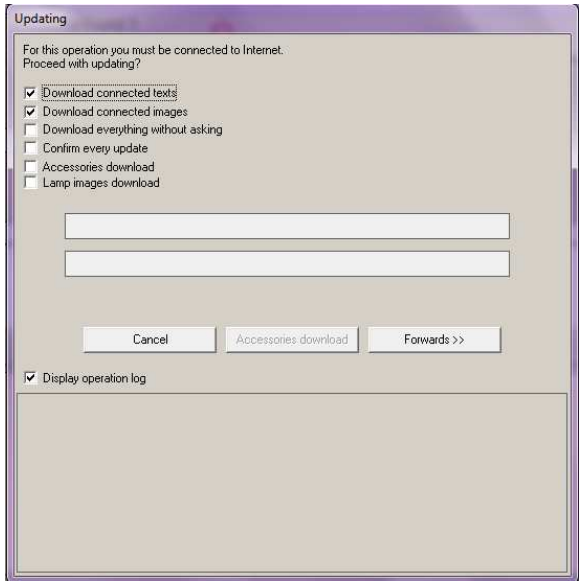
On the operational level, to configure a search via Web it is necessary to:

- return the fields to zero, by clicking on the *Clear* icon
- define the search parameters via the different sections (TABS) of the window.

  There are two types of field available, dropdown, in which to select the parameter on the basis of a predefined list, or entry field, usually numerical. For example:
  - Manufacturer: Goccia Illuminazione (in the Manufacturers TAB)
  - Voltage V: 230 (in the Electrical Parameters TAB)
- if an incorrect parameter is entered in the fixed dropdown search fields, delete it by clicking twice on it with the mouse
- select the *Plug-in Update via Web (ECOD)* icon to access the data download via Internet management window (image on the right)

The window shows four options which may be selected with a mouse click in the square to the side:

- ***Download connected texts,*** to download the texts connected with the individual products
- ***Download connected images,*** to download the images connected with the individual products
- ***Download everything without asking,*** to download everything without confirmation request (if not, in the log window nearest the bottom, the program shows the total number of products to be downloaded and waits for confirmation before proceeding)
- ***Confirm every update,*** to confirm each download. If this is selected it will be necessary to confirm each individual product
- ***Accessories Download***: to download the accessories linked to the luminaires
- ***Lamp images Download***: to download the images linked to the luminaires



- press *Forwards* to continue data download, press *Cancel* instead to exit the function
- once update has been started, press *Cancel* to interrupt the update and *End* to exit the module
- instead press *Skip*, if you wish to skip a manufacturer's update. For example if the products have been searched by defining the Power field, using the *Skip* key it is possible to skip those manufacturers whose products present that power but are not of interest
- once update is complete the program shows the list of products found and downloaded in the Product List in the main window

Notes

The updating window shows the option 'Show operation log' which, if selected, visualizes the operations performed during the data download phase.

Data Search and Update via Web

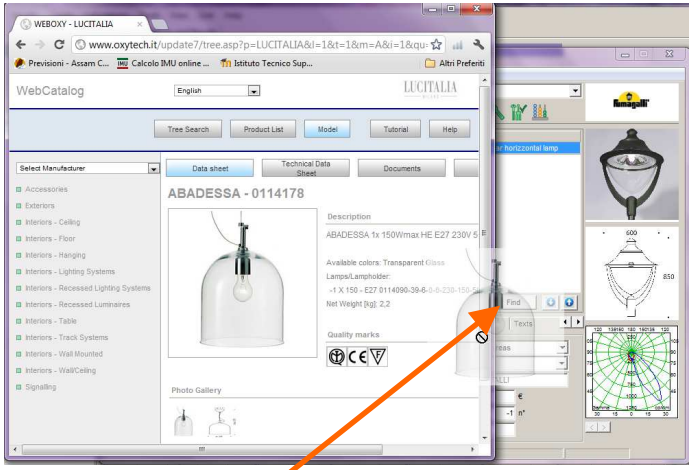
Manufacturer WebCatalog

To access the search via internet window select *WebCatalog*:

- in the icon bar
- in the *Data* menu

The icon directly opens the WebCatalog, that is the Interactive Electronic Catalog via Internet, of the manufacturer, whose logo is visualized in the Liswin list.

At this point it is possible to search for products by means of the WebCatalog search functions (please see the manual related to the WebCatalog), and then perform Drag&Drop of the product image directly in the main Liswin window. All available data will be transferred to the local database and the product will appear in the Product List in the main window.



Selecting the image, it is possible to drag the product into the list with **Drag&Drop**

Notes

The Drag&Drop function allows you to drag the object from one program module to another, selecting the product with the left mouse button and, keeping it pressed, dragging it to its final destination (for a more detailed explanation see the Litecalc manual).

By clicking on the Select WebCatalog icon, instead of accessing the WebCatalog of the manufacturer, access is gained directly to the general WebCatalog

Data Search and Update via Web

Automatic data update check

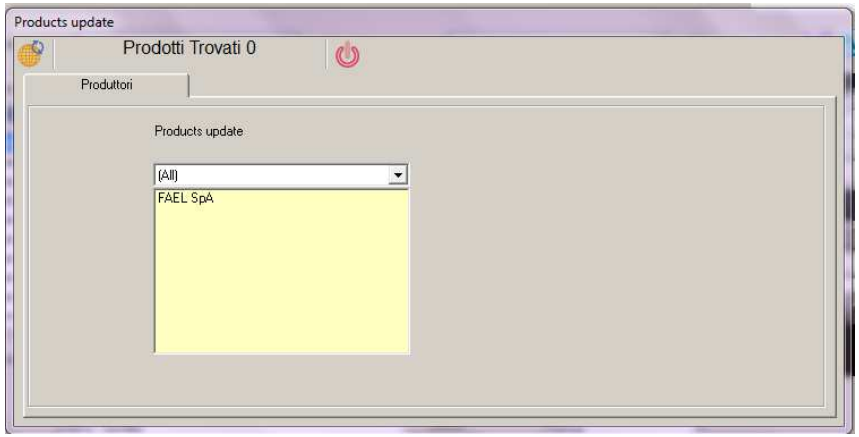
This function allows you to search for any product updates relating to the selected manufacturer

For access select *Automatic data update check*:

- in the icon bar
- in the *Data* menu

Once the window is open, just select the desired manufacturer in the dropdown menu and click on the icon on the top right.

This will launch the management window for data download via Internet, described in the chapter *Parametric product search via internet*, by means of which the data will be downloaded in the list.



The icons associated with the window have the following functions:

Plug-in Update via Internet (ECOD): this carries out the search via Internet on the search parameters set

Close: this allows you to exit the window and return to the main window

Notes

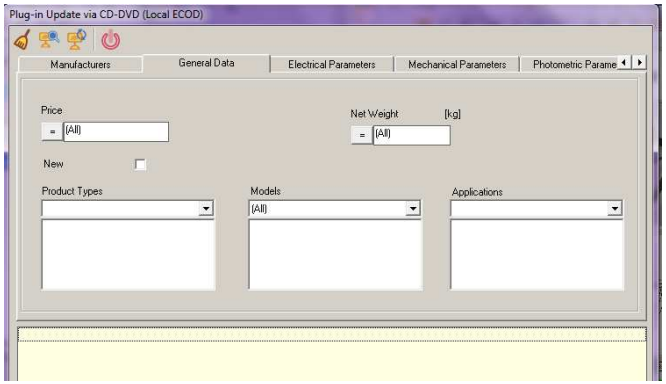
Data Plug-in

Data Plug-in Import

With Liswin it is also possible to update the products directly with the manufacturers' plug-ins both locally (that is with a file from CD or DVD), and via Web.

To access the search window select *Data Plug-in Import*:

- in the icon bar
- in the *Data* menu



The window that appears is made up of 2 parts:

- an upper part with the function icons and indication of the total number of products found after the search
- a lower part with the TABS corresponding to the various parameters that can be configured for the search. There are two types of data fields available for the search, that are:
  - ***Fixed fields*** (fixed choice fields from list): these are non editable fields for which it is possible to select the description of a predefined list such as, for example, the color field
  - ***Free fields***: these are editable fields for which a numerical description can be entered

In the case of data updates by means of local plug-ins, by setting the parameters of interest, only the corresponding data will be imported

The icons associated with the window have the following functions:

Clear: clears previously defined fields

Plug-in Update via Web (ECOD): to access the WebOxy page (www.oxytech.it) in which are shown manufacturer data and instructions for downloading the Plug-ins. If the manufacturer has already been selected in the *Manufacturers* TAB, the program shows the relative sheet

Local Plug-in Updating (HD-CD-DVD): to update the date by selecting a Plug-in on a local disk (when the update is supplied by the manufacturer)

Close: allows you to exit the window and return to the main window

The parameter definition window shows several buttons which, if pressed, reveal the symbols '=' – '>' – '<' – '<=' – '>=' . These buttons are useful when searching for all products with the same value (=) as the selected parameter or that have greater (>), lesser (<), greater and equal (>=) or lesser and equal (<=) values

Notes

The lists in the dropdown data fields are updated using the DBfilter, which can be activated in the *File/Activate Filter* menu.

The file is found in the data destination folder …\data|lmdata.

By positioning the mouse on the icon a short description of the command will be visualized.

If certain fields have been defined in the Field definition window, only products corresponding to these parameters will be imported.

Creating and managing a data sheet

Liswin is equipped with a module for managing product data sheets with which to view and print data, images and literature.

To access the data sheet management window, select *Data Sheet*:

- selecting the relative icon situated on the icon bar
- clicking twice with the left mouse button on the selected product
- selecting the product and activating the command from the *Functions* menu

The data sheet window shows a series of commands in the upper part and to the left and right.

In the upper part of the window appear the functions:

- to scroll through the various pages of the document showing the current page and total number
- to manage screen zoom of the document by clicking on the magnifying glass (zoom in - zoom out)
- to select the type of visualization from the window by clicking on the arrow alongside the magnifying glass
- to launch printout of the document

The tool bar situated on the left of the sheet has the following functions:

- ***Language***: this is a fixed choice field with which to select the data sheet in one of the available languages
- ***Paging***: the program has 5 different formats of graphic paging for data sheets that can also be activated by clicking on the spot to the left of each description
- ***Export in PDF***: this allows you to export the data sheet in PDF format to be viewed with ADOBE Acrobat Reader

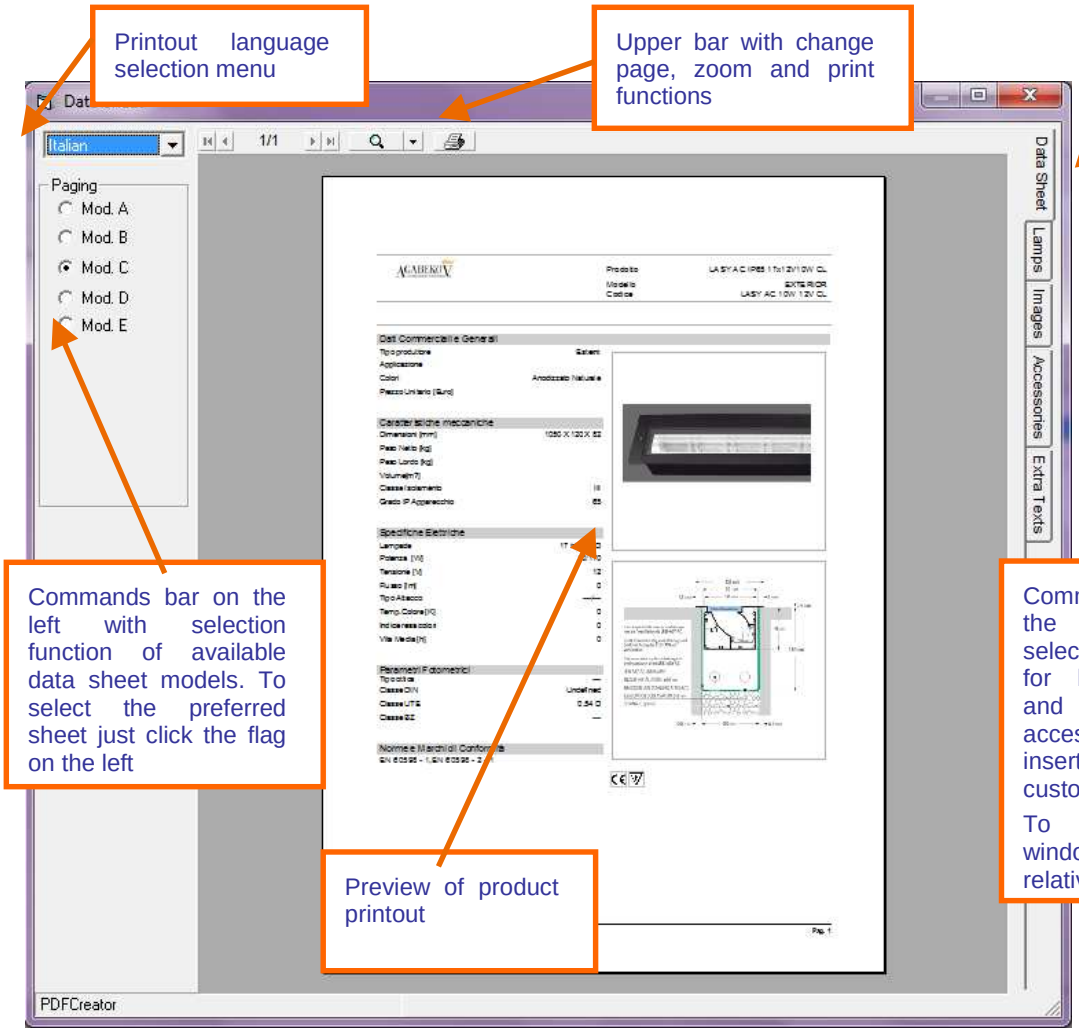
The tool bar situated on the right of the sheet has the following functions (for a more detailed description see the relative paragraphs):

- ***Data Sheet***: visualizes the graph of the paged data sheet
- ***Lamps***: allows you to choose from the various alternatives of lamps connected to the lighting device
- ***Images***: with this function you can choose the image to add to the sheet
- ***Accessories***: allows you to print along with the data sheet any accessories connected with the selected product
- ***Extra Texts***: allows customized text to be inserted in the sheet
- ***Documents***: this allows selection of the texts in RTF linked to the luminaire in the technical sheet

Notes

Creating and managing a data sheet

Main screen

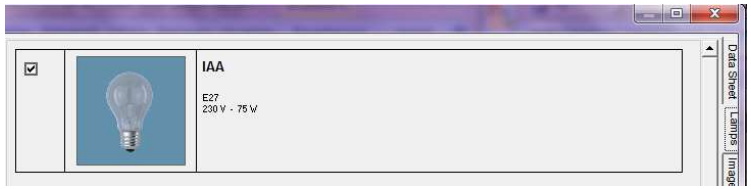

Printout language selection menu
Upper bar with change page, zoom and print functions
Commands bar on the left with selection function of available data sheet models. To select the preferred sheet just click the flag on the left
Preview of product printout
Commands bar on the right with selection functions for lamps, images and associated accessories, and for insertion of customized texts.
To access the windows click on the relative TAB
Italian
1/1
Paging
Mod. A
Mod. B
Mod. C
Mod. D
Mod. E
Data Sheet
Lamps
Images
Accessories
Extra Texts
PDFCreator

Notes

Creating and Managing a data sheet

Lamps Window

This allows the selection of the lamps to be printed in the data sheet, when there is more than one associated lamp. To select the lamp click with the left mouse button in the square to the left of the lamp to be selected. If no lamps are selected these fields in the data sheet will remain empty.



Accessories Window

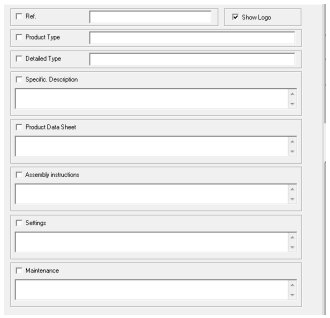
Here the accessories to be printed in the data sheet can be selected, if the luminaire has any. To select the accessory click with the left mouse button in the box on the left of the accessory.

Images Window

A maximum of three images to be selected from those associated (maximum ten) can be printed in the data sheet. The number of images depends on what the graphic module (data sheet) you are using foresees. To insert the image click with the left mouse button in the box on the left of the image.

Properties Window

This allows the insertion of customized text to be printed in the data sheet. To select the type of text to be inserted click with the left mouse button in the box on the left of the string and type the text in the spaces. In this way the descriptions inserted will be visualized on returning to the data sheet.



Notes

In the *Properties Window the* following texts can be inserted:

- ***Reference***, this is the product reference code as it is generally indicated on the drawings
- ***Product Type***, this is the product type defined by the designer, if it is considered opportune to change that shown in the General Data TAB – Liswin Type
- ***Detailed Type***, this is the more detailed product type defined by the user
- ***Specification Description, Settings, Maintenance***, these are the fields where the lighting designer can input the notes necessary to complete the data sheet
- ***Product Sheet, Assembly Instructions***: where possible insert the product data and instructions, or modify those inserted by the manufacturers (if present).
- ***Show log***: to visualize or not the specific data relative to the manufacturer and the product.

Creating a product list

The program allows the creation of product lists to be imported in the Lisman estimate module (for a more detailed explanation see the chapter *Creating a metric calculation).*

Access the *Product List* command by means of:

- the *Product List* icon situated in the icon bar
- the *Functions* menu

When the command is selected the program automatically opens the Product List window, on the left of the screen.

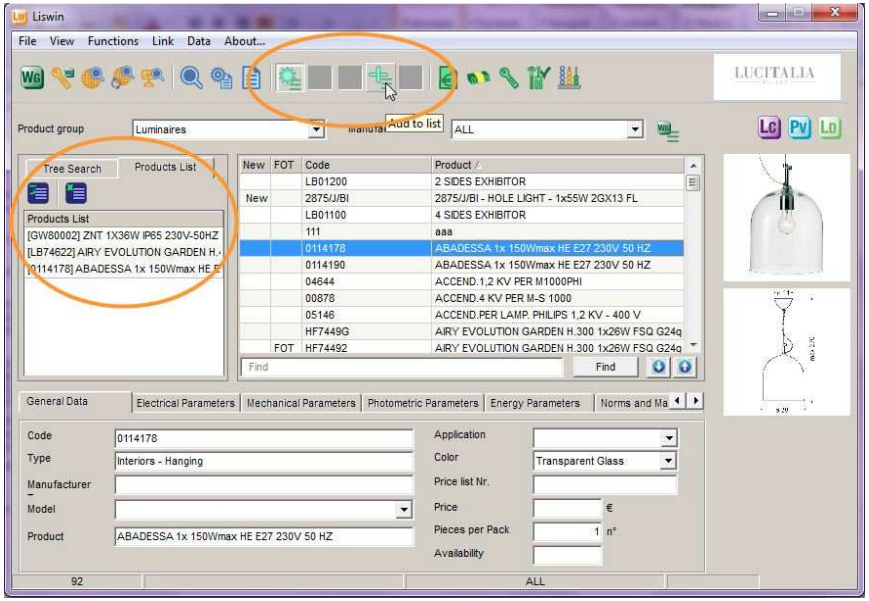
At this point product selection in the main window is possible by:

- Clicking with the left mouse button on the product
- Selecting more than one product by keeping the CTRL key pressed and at the same time clicking with the right mouse button on the individual products
- Selecting a series of consecutive products keeping the SHIFT key pressed and at the same time clicking with the left mouse button on the first and then on the last of the series

Once the items have been selected, there are two possible operations for importing the selected products into the Product List Window:

- Press the right mouse button and select *Add to List*

- Click on the Add *to list* icon in the icon bar



Notes

To exit the command, just press again on the *Product List* key.

The icons present in the Product List window allow:

Deletion of the selected products in the list window (to select a product click on the description with the left mouse button)

Deletion of all the products saved in the list window

Deleting products from the database

The program allows deletion from the local database of products of no interest. To definitively delete a product three steps are required so as to avoid accidental or involuntary deletions.

Access the *Product Deletion* command by means of:

- the *Product Deletion* icon situated in the icon bar
- the *Functions* menu

When the command is selected the program automatically opens the Product List window, on the left of the screen.

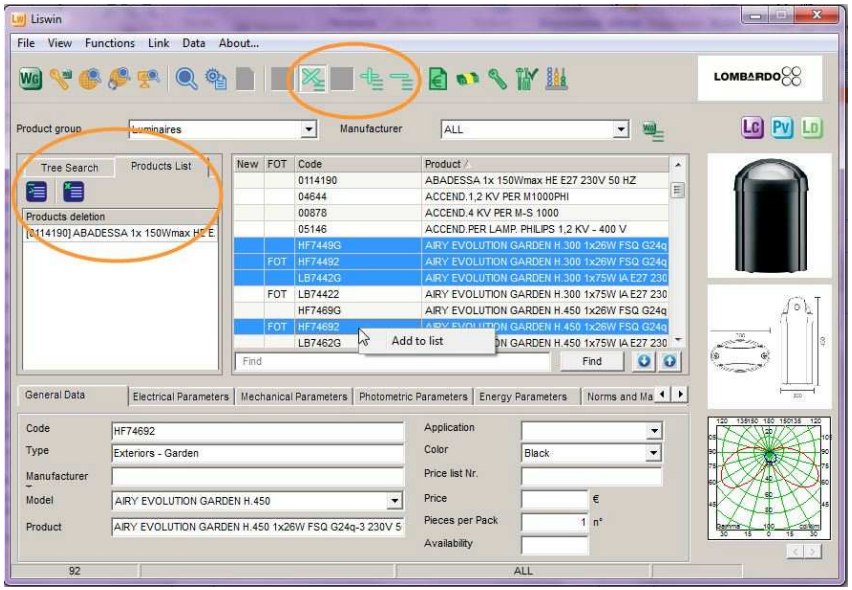
At this point product selection in the main window is possible by:

- Clicking with the left mouse button on the product
- Selecting more than one product by keeping the CTRL key pressed and at the same time clicking with the right mouse button on the individual products
- Selecting a series of consecutive products keeping the SHIFT key pressed and at the same time clicking with the left mouse button on the first and then on the last of the series

Once the items have been selected, there are two possible operations for importing the selected products into the Product List Window:

- Press the right mouse button and select *Add to List* (as shown in the illustration on the right)

- Click on the *Add to list* icon in the icon bar



To definitively delete the products from the list it is necessary to select the *Delete Selected Products* icon and then confirm

Notes

To delete a single product it is also possible to select it thus gaining access to the *Functions/Delete* menu, and then confirming the deletion.

The icons present in the Product List window allow:

Deletion of the selected products in the list window (to select a product click on the description with the left mouse button)

Deletion of all the products saved in the list window

Exporting an OXL/OXC

The program allows the creation of the product lists and their export as files in HML format, where all data relating to the product are inserted (technical data, images, photometries, etc.). If the product is exported complete with photometry the extension of the exported file will be .OXL; if the file is without photometry, the extension will be .OXC.

Access the *OXC Export* command by means of:

- The OXL/*OXC Export* icon situated in the icon bar

When the command is selected the program automatically opens the *Product List* window, on the left of the screen.

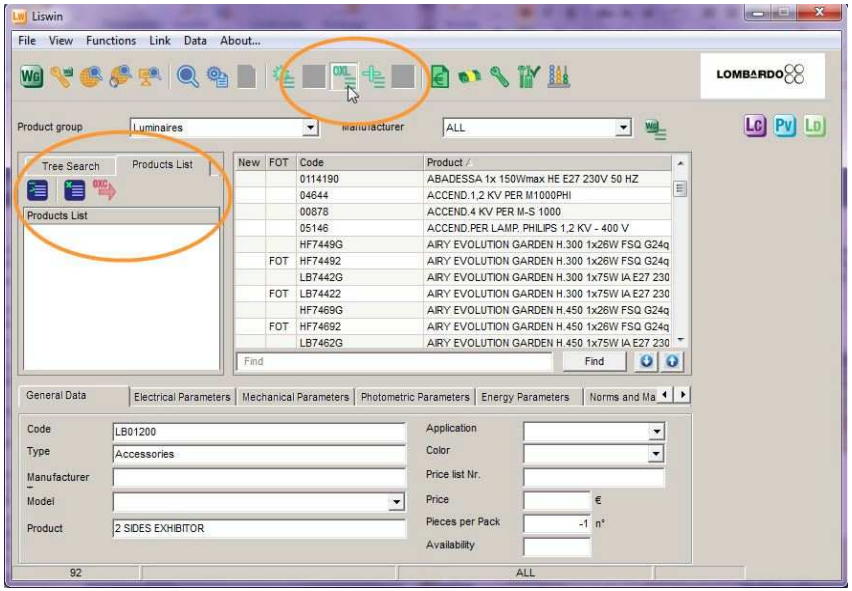
At this point to select the products in the main window you can:

- Click with the left mouse button on the product
- Select more than one product by keeping the CTRL key pressed and simultaneously clicking with the right mouse button on the individual products
- Select a series of consecutive products by keeping the SHIFT key pressed and clicking simultaneously with the left mouse button on the first and then the last product of the series

Once the articles have been selected, to import the selected products in the *Product List window*, two operations are possible:

- Press the right mouse button and select *Add to List*

- Click on the *Add to list* icon in the Icon bar



Finally, after inserting all the products in the list, to export them into a folder that will be chosen by the User:

click on the *Export* icon, situated at the top of the list

Notes

To exit the command just press again on the *OXC Export* key

The icons in the Product List window allow you to:

Delete the selected products in the list window (to select a product click on the description with the left mouse button)

Delete all the products saved in the list window

Managing price lists

Price Lists Window

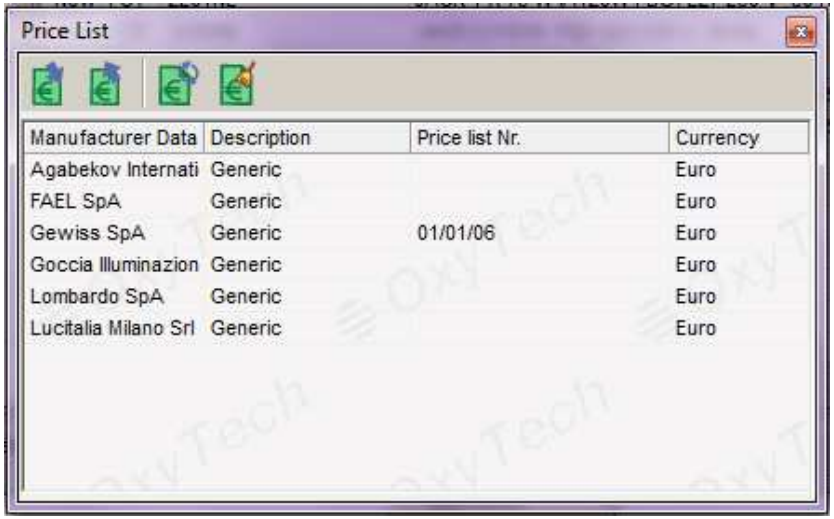
The program allows management of the price lists of the individual companies independently of the inserted catalog data. It is therefore possible to integrate one or more lists in the catalog of a single manufacturer, also at a later time, as long as the codes of the products available in the catalog correspond exactly to those in the list. On the contrary, the program module is not able to associate the prices with the codes, because they do not correspond.

Access the *Price List* window by means of:

- the *Price List* icon situated in the icon bar
- the *View* menu

The open *Price List* window (as seen in the illustration on the right) is made up of:

- an icon bar, situated at the top
- a list of available lists, subdivided by manufacturer



The icons activate the following commands:

Import List: to import an external CSV file

Export List: to export a catalog in CSV file

Update: to associate a price list to the corresponding catalog: useful when there is more than one price list available from the same manufacturer

Delete List: to cancel the selected list

The list instead is made up of the following fields:

- ***Manufacturer Data***: where the name of the reference manufacturer is indicated (the field is not modifiable)
- ***Price List Nr***: where the list number is indicated. This field is important if more than one list of a manufacturer is inserted, since it can identify for example the year of reference (modifiable field)
- ***Currency***: where the currency is indicated (modifiable field)

Notes

Certain fields in the list are editable by clicking inside the field to be modified with the left mouse button. By clicking for example on the List Num column, above the line to be modified, a string can be typed in.

Instead, to modify the currency of a list that is already available, click twice on the currency line on the right of the window and select the new currency.

Managing price lists

To export/import a price list

To create a new list it is always advisable to start from the catalog data that has already been inserted, in order to avoid making involuntary errors regarding the uniqueness of the product codes.

On the operational level, to create a new price list it is necessary to:

- select a manufacturer's list by clicking on the line with the left mouse button, thus highlighting it in blue

Goccia Illuminazion	Generic		Euro
Goccia Illuminazion	Generic		---
Lucitalia SpA	Generic		Euro

- export the selected list in an external file in CSV format, by pressing the *Export List* key. In this case it will be necessary to define the path in which to save the exported file
- open Excel (as in the illustration below) and insert the modifications to the file such as adding prices or changing the distributor code

	A	B	C	D	E	F	G	H	I	J
1	PRODUCER(FIXED)	Product code(FIXED)	Product Description(FIXED)	Price	Currency(FIXED)	VAT(%)	Discount(%)	DistributorCode	ECORAEE	
2	MARTINELLI	#""M073M073/1803lmN	``1342 Applique``	100	Euro	20	20	#""M073M073/1803l	0	
3	MARTINELLI	#""m074/4200lmNorm3	``2834``	200	Euro	20	20	#""m074/4200lmNor	0	
4	MARTINELLI	#1230/B/BI	1230/B - SYSTEM VIRGOLA - 1x230W R	400	----	20	20	#1230/B/BI	0	
5	MARTINELLI	#1230/SP/BI	1230/SP - SISTEMA VIRGOLA - 1x230W	500	----	20	20	#1230/SP/BI	0	
6	MARTINELLI	#1907.LDT.4	SOSPENSIONE 100W GLOBO	0	Euro	0	0	#1907.LDT.4	0	
7	MARTINELLI	#1907/AG	1907/AG	0	Euro	0	0	#1907/AG	0	

- save the modified file again in CSV format and quit Excel
- import the modifications, by pressing the *Import List* key. To perform this operation, the manufacturer's list, inside the list, must remain selected
- activate the modifications by pressing the *Update* key

The CSV file consists of two types of fields:

- Fixed, that is that must not be modified, for example:
  - Producer
  - Product Code
  - Product Description
  - Currency
- Editable, for example:
  - Price
  - VAT
  - Discount
  - Distributor Code

Notes

The values entered in the VAT and Discount fields will be visualized and used in the estimates module Lisman, to create metric calculations and offers.

Managing currency

Liswin offers a function with which to define the currency in which you intend to manage product prices.
Access the *Currency* window by means of:

- the *Currency* icon situated in the icon bar
- the View menu

On the operational level to configure a currency it is necessary to:

- select the currency to be used
- press the icon to activate the selected value. In this way the value line becomes red
- press X to quit the window, the selected currency will at this point be active

The icons associated with the currency management window have the following functions:

To activate the selected currency

Shor	LongDesc	S	decimals	nversion
USD	USA Dollar	$	2	0,5
GBP	Pound Sterlin	£	2	100
Euro	Euro	€	2	1
AED	UAE dirham		2	1
ALL	Albanian lek	L	2	1
AMD	Armenian dram		2	1
ARS	Argentine peso	$	2	1
AZN	Azerbaijani manat		2	1
BAM	B&H convertible mark	KM	2	1
BGN	Bulgarian lev		2	1

Notes

To modify the conversion factor just click inside the field (which will become green) and type in the new value.

Estimate Module (creating a metric calculation)

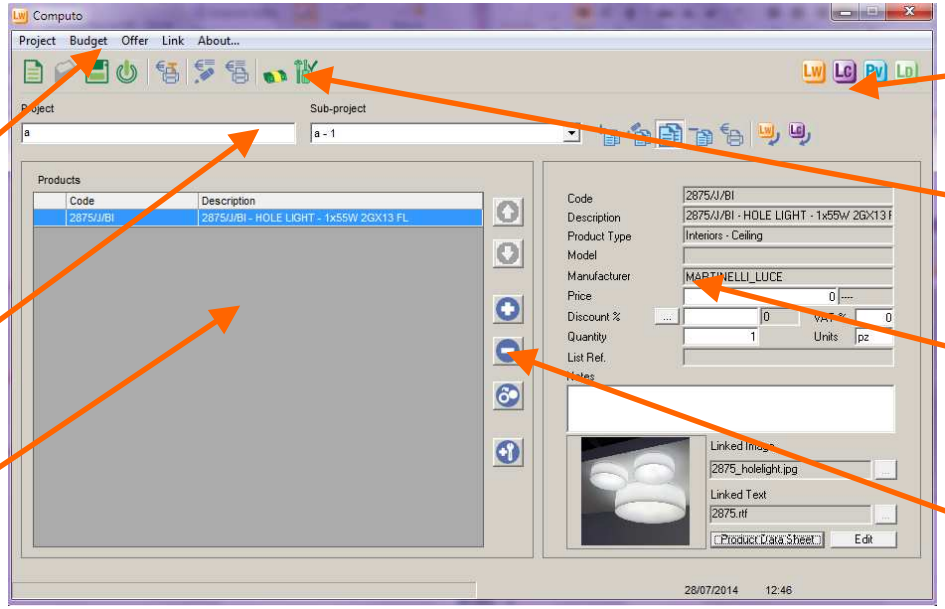
Introduction

Liswin includes the estimating function for managing the metric calculation of a project. The module handles the functions of

- creating estimate projects made up of sub-projects (as in the case of offices featuring a number of rooms), either autonomously or by importing project lists from Litecalc and/or from Liswin
- creating estimates and offers that can be exported in CSV format (compatible with Excel)

The module can be accessed by means of:

the *Estimates* icon situated on the icon bar



Dropdown menu bar

Project line and sub-project icon bar

Product List

Access to the other modules

Icon bar

Product data TAB

Product management icon bar

Notes

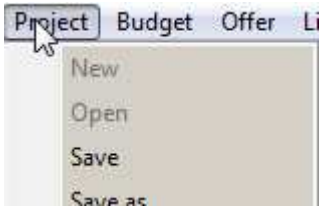
Lisman Estimate Module (creating a metric calculation)

Dropdown menu

Project Menu

For all operations connected with general project management

- ***New*:** to create a new project
- ***Open:*** to open a project saved in a folder
- ***Save*:** to save the project
- ***Save as...*:** to save the project with a new name
- ***Close***: to close the project
- ***Properties:*** to open the project properties



Sub-Project icon bar

For operations related to estimates and list management

- ***Sub-project***: to visualize the list of sub-projects
- ***New*:** to create a new sub-project
- ***Configuration*:** to access the sub-project configuration window
- ***Select*:** to include or exclude the sub-project from the printout of the product list offer
- ***Eliminate*:** to eliminate the selected sub-project
- ***Print*:** to visualize and print the offer related to the visualized sub-project
- ***Import from Liswin*:** to import a product list that has previously been created in Liswin
- ***Import from Litecalc***: to import a product list from a previously saved Litecalc project

Notes

Lisman Estimate Module (creating a metric calculation)

Budget Menu:

- ***Documents:*** to view the product lists inserted in the active sub-projects

Offer Menu

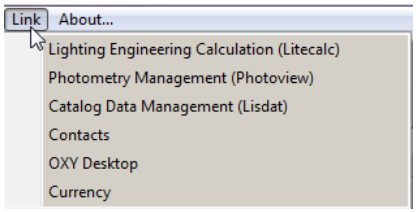
For all operations connected with offer management

- ***Properties:*** to insert and modify the identifying data of the offer
- ***Documents*:** to view the lists of sub-projects present in the offer

Links Menu

To access the other program modules of

- ***Lighting Engineering Calculation (Litecalc)***
- ***Photometry Management (Photoview)***
- ***Catalog Data Management (Lisdat)***
- ***Contacts*:** to open the contacts window present in Windows
- ***Currency:*** to open the window relative to the currency (for a more detailed explanation see the chapter *Currency Management*)



Notes

To access the other program modules you can also click on the relative icons situated in the icon bar on the top left

Lisman Estimate Module (creating a metric calculation)

Icon bar

The icons activate the following commands:

New: to create a new project

Open: to open a project that was previously created and saved in the archive

Save: to save the current project

Close: to close the current project

Printout: to visualize the print preview of the product lists

Properties: to access the properties of the current offer

Offer Printout: to visualize the print preview of the offer

Currency: to select the currency to be used in the offer

Configuration: to access the program configuration management section

New: to create a new sub-project

Sub-Project properties: to access the properties of the current sub-project

Select: to include or not the sub-project in the general offer

Eliminate: to eliminate the project

Notes

Lisman Estimate Module (creating a metric calculation)

Notes

Sub-project printout: to visualize the print preview of the sub-project

Import from Liswin: to import a product list previously created by Liswin

Import from Litecalc: to import a project from Litecalc

Move up: to move a product upwards in the list

Move down: to move a product downwards in the list

Add: to add a product created by the user to the list

Eliminate: to eliminate the selected product

Copy: to copy the selected product

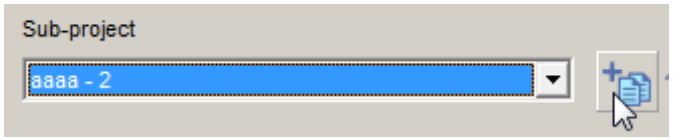
Add lamps: to add lamps and accessories of the selected product to the list (if present)

Inserting a new project / sub-project

To begin operating you must select the *Project/New* menu. Should you instead wish to open a previously created project you must select *Project/Open* (or the relative icon in the icon bar)

In this way the cursor will move onto the line relating to the project, so as to edit the name.

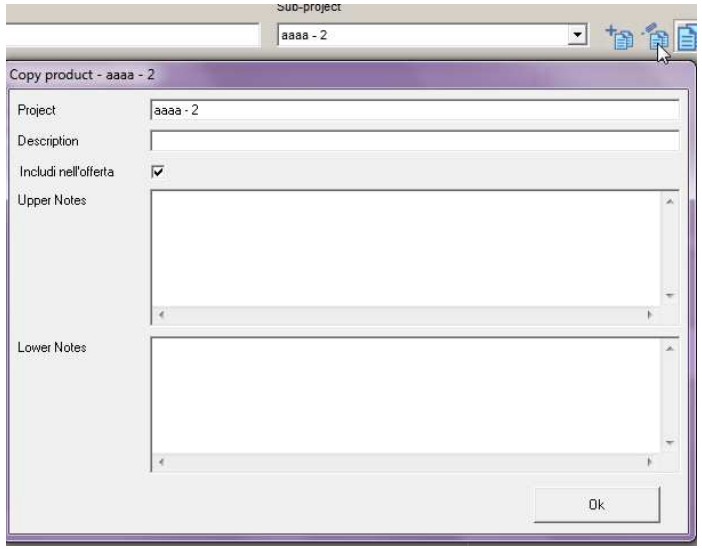
At this point by selecting the *New* icon, in the sub-project icon bar a new sub-project will be created, into which you can import the Liswina and Litecalc product lists or insert new products.



Press the *Configuration* key, in the sub-project icon bar, to open the sub-project properties window where you can:

- Edit the project name
- Edit a short description
- Include using a flag the sub-project in the general offer
- Edit notes at the top or bottome of the page

Finally press *Ok* to return to the main window.



Notes

A sub-project means a sub-area that makes up the project as a whole, i.e. area 1 of project A (for example if you want to divide up the offer by reference areas).

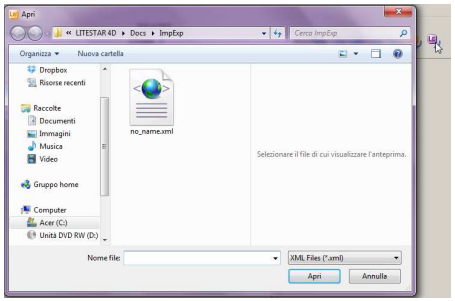
An infinite number of sub-projects can be created in a general project which can then be included or excluded from the offer.

Lisman Estimate Module (creating a metric calculation)

Importing project lists from Litecalc and Liswin

To import a list of luminaires inserted in a Litecalc project you must

Click on the *Import from Litecalc* icon situated in the sub-project icon bar



This will open a window in which to select the .XML file relative to the project to be imported. The .XML file will be automatically saved in the LITESTAR 4D/Docs/ImpExp folder, saving the project file.

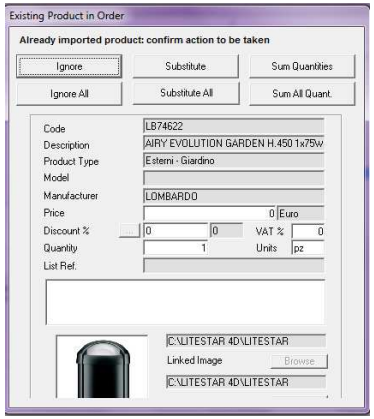
To import a previously created list of products from the Liswin module you must:

Click on the Import from Liswin icon situated in the sub-project icon bar

The list will in this way be automatically added to the sub-project and visualized in the list.

If, when importing a list, the program recognizes codes already present in the sub-project, the window alongside will appear, allowing you to select one of the following operations:

- ***Ignore***: so as not to import the product again
- ***Ignore All***: so as not to import all the products again
- ***Substitute***: to substitute the product for the existing one
- ***Substitute All***: to substitute all the products for those already present
- ***Sum Quantities***: to sum the quantities of the individual product with those already present
- ***Sum All***: to sum all the quantities



Notes

To create a list of products in Liswin see the *Creating a product list* chapter.

Lisman Estimate Module (creating a metric calculation)

Managing the product lists manually

In the main window the following may be modified:

- all the data when the products have been inserted by the user,
- some data, characterized by the white fields (discount, price, quantity, VAT, units) when the products are imported and belong to a manufacturer catalog.

To modify a product just select it from the list (on the left of the window). The selected product will be highlighted in blue.

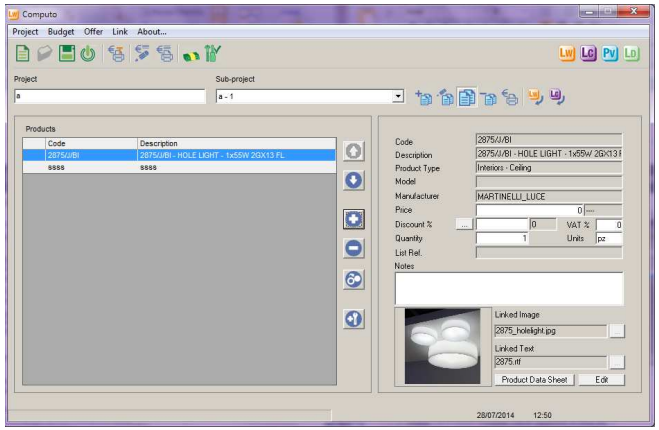
To import the products from Liswin or Litecalc see the previous chapter. To manage or insert new products manually instead the icons situated vertically beside the list must be used

To move an element up or down the list.

To add a new element (+) or eliminate one (-). Addition of a new element is effected using the code insertion window: when confirmation is given by pressing *Ok* the new product is added to the list and it will be possible to complete its data using the fields to be found on the right of the window.

By clicking on:

- ***Product Sheet*** it will be possible to access the technical sheet of the selected product, if inserted in the Liswin module;
- ***Modify*** it will be possible to modify the text relating to the product, if present and linked

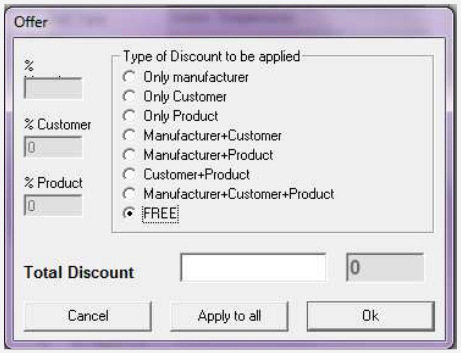


To access the product lamps and accessories selection section (if the product comes from Liswin). When one or more accessories-lamps have been selected they are automatically added to the list.

Notes

When the window has been closed it is possible to access it through the Sub-project/Modify menu, or by clicking twice on the relevant sub-project in the general list.

Clicking on the key beside the *Discount* field opens a window where the offer discounts can be managed.



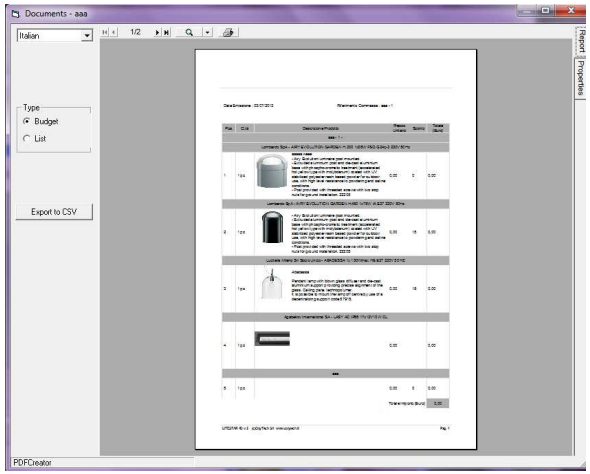
Lisman Estimate Module (creating a metric calculation)

Visualizing the list relative to the sub-project

Click on the Sub-project/documents menu to access the print preview of the report relating to the selected sub-project.

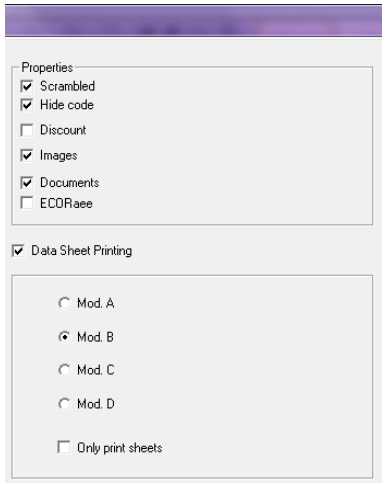
In this window you can:

- select the print language using the dropdown menu on the top left;
- scroll the pages, enlarge and print using the icons on the top left;
- select the type of document view by clicking beside the *Calculation* or *List* fields;
- export the document in .pdf, by clicking on the ***Export in PDF*** key;
- export the document in .csv, by clicking on the ***Export in CSV*** key**.**



Click on the *Properties TAB* on the top right to select the data to be printed in the list:

- ***Scrambled***: to scramble the product code;
- ***Hide code***: so as not to visualize the product code;
- ***Discount***: to view the discount applied;
- ***Images***: to view the images in the calculation if present;
- ***Documents***: to print the documents linked to the individual products if present;
- ***ECORaee***: to print the ECORaee contribution.



Clicking alongside Data Sheet Printing will activate the window in which you can choose the model of data sheet to be printed with the list, if the product comes from the Liswin module. Finally by clicking alongside *Only Print Sheets* only the data sheets linked to the products, if present, will be printed.

Notes

The offer will include all the sub-projects for which the *Include in the offer* field has been flagged while completing the properties.

Lisman Estimate Module (creating a metric calculation)

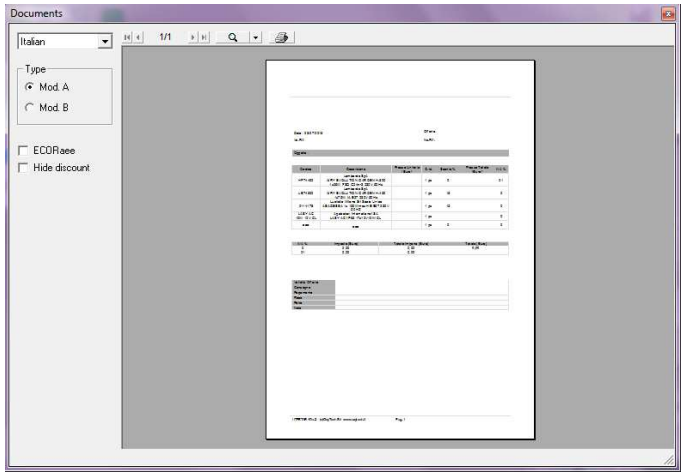
Creating the offer

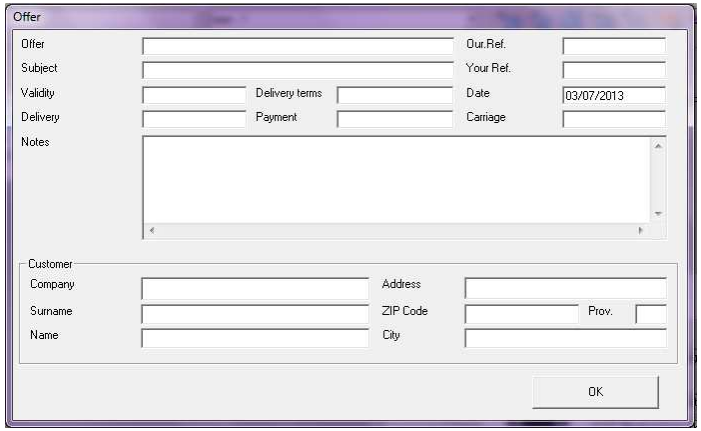
To view the print preview of the offer, click on the *Offer/Documents* menu.

In this window you can:

- select the print language, using the dropdown menu on the top left;
- scroll the pages, enlarge and print, using the icons on the top left;
- select the type of document visualization by clicking beside the *Mod.A* or *Mod.B* fields;
- select whether to print the ECORaee by clicking beside the relative field;
- select not to visualize the discount by clicking beside *Hide Discount*;
- export the document in .pdf, by clicking on the ***Export in PDF*** key.

Selecting the Offer/Properties menu you can access the identifying data window of the offer. The completed fields will appear in the offer.





Notes